

Claim 37 (Original): The method as recited in claim 20, wherein said at least one endpoint signal is filtered.

Claim 38 (Original): The method as recited in claim 20, wherein said method further comprises determining a time duration for said endpoint transition of said at least one endpoint signal.

Claim 39 (Original): The method as recited in claim 38, wherein said method further comprises determining an etch rate uniformity from said etch rate, said time duration of said endpoint transition, and said thickness range of said layer.

Claim 40 (Original): The method as recited in claim 31, wherein said method further comprises determining a time duration for said endpoint transition of said ratio signal.

Claim 41 (Original): The method as recited in claim 40, wherein said method further comprises determining an etch rate uniformity from said etch rate, said time duration of said endpoint transition, and said thickness range of said layer.

Claims 42-43 (Canceled).